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(FILE 'HOME' ENTERED AT 19:50:16 ON 18 DEC 2002)

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, AQUASCI, BIOBUSINESS, BIOCOMMERCE, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DRUGB, DRUGLAUNCH, DRUGMONOG2, ...' ENTERED AT 19:50:27 ON 18 DEC 2002

SEA PHYTAS? AND NUTRIT? AND FOOD?

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L1 QUE PHYTAS? AND NUTRIT? AND FOOD?

FILE 'USPATFULL, BIOSIS, DGENE, BIOBUSINESS, PROMT, CAPLUS, FROSTI, FSTA, SCISEARCH, FEDRIP' ENTERED AT 19:51:51 ON 18 DEC 2002

L2 969 S PHYTAS? AND NUTRIT? AND FOOD?
L3 394 S PHYTAS? (S) FOOD? (S) (NUTRI? OR DIGEST?)
L4 358 DUP REM L3 (36 DUPLICATES REMOVED)
L5 80 S L4 AND COLI?

WEST

Help | Logout | Interrupt

Main Menu | Search Form | Posting Counts | Show S Numbers | Edit S Numbers | Preferences | Cases

Search Results -

Terms	Documents
phytas$3 same food$5 same nutrit$4	25

US Patents Full-Text Database
US Pre-Grant Publication Full-Text Database
JPO Abstracts Database
EPO Abstracts Database
Derwent World Patents Index

Database: IBM Technical Disclosure Bulletins

Search: L5

Refine Search

Recall Text | Clear

Search History

DATE: Wednesday, December 18, 2002 Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=OR			
L5	phytas$3 same food$5 same nutrit$4	25	L5
L4	phytas$3 same food$5 same nutritio$4	39	L4
DB=USPT; PLUR=YES; OP=OR			
L3	5436156.pn. or 5593963.pn. or 5830696.pn. or 5939303.pn. or 6190897.pn. or L2	6	L3
L2	L1.pn.	1	L2
L1	5366736	12	L1

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NEWS 1		Web Page URLs for STN Seminar Schedule - N. America
NEWS 2	Apr 08	"Ask CAS" for self-help around the clock
NEWS 3	Apr 09	BEILSTEIN: Reload and Implementation of a New Subject Area
NEWS 4	Apr 09	ZDB will be removed from STN
NEWS 5	Apr 19	US Patent Applications available in IFICDB, IFIPAT, and IFIUDB
NEWS 6	Apr 22	Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS
NEWS 7	Apr 22	BIOSIS Gene Names now available in TOXCENTER
NEWS 8	Apr 22	Federal Research in Progress (FEDRIP) now available
NEWS 9	Jun 03	New e-mail delivery for search results now available
NEWS 10	Jun 10	MEDLINE Reload
NEWS 11	Jun 10	PCTFULL has been reloaded
NEWS 12	Jul 02	FOREGE no longer contains STANDARDS file segment
NEWS 13	Jul 22	USAN to be reloaded July 28, 2002; saved answer sets no longer valid
NEWS 14	Jul 29	Enhanced polymer searching in REGISTRY
NEWS 15	Jul 30	NETFIRST to be removed from STN
NEWS 16	Aug 08	CANCERLIT reload
NEWS 17	Aug 08	PHARMAMarketLetter(PHARMAML) - new on STN
NEWS 18	Aug 08	NTIS has been reloaded and enhanced
NEWS 19	Aug 19	Aquatic Toxicity Information Retrieval (AQUIRE) now available on STN
NEWS 20	Aug 19	IFIPAT, IFICDB, and IFIUDB have been reloaded
NEWS 21	Aug 19	The MEDLINE file segment of TOXCENTER has been reloaded
NEWS 22	Aug 26	Sequence searching in REGISTRY enhanced
NEWS 23	Sep 03	JAPIO has been reloaded and enhanced
NEWS 24	Sep 16	Experimental properties added to the REGISTRY file
NEWS 25	Sep 16	Indexing added to some pre-1967 records in CA/CAPLUS
NEWS 26	Sep 16	CA Section Thesaurus available in CAPLUS and CA
NEWS 27	Oct 01	CASREACT Enriched with Reactions from 1907 to 1985
NEWS 28	Oct 21	EVENTLINE has been reloaded
NEWS 29	Oct 24	BEILSTEIN adds new search fields
NEWS 30	Oct 24	Nutraceuticals International (NUTRACEUT) now available on STN
NEWS 31	Oct 25	MEDLINE SDI run of October 8, 2002
NEWS 32	Nov 18	DKILIT has been renamed APOLLIT
NEWS 33	Nov 25	More calculated properties added to REGISTRY
NEWS 34	Dec 02	TIBKAT will be removed from STN
NEWS 35	Dec 04	CSA files on STN
NEWS 36	Dec 17	PCTFULL now covers WP/PCT Applications from 1978 to date
NEWS 37	Dec 17	TOXCENTER enhanced with additional content
NEWS 38	Dec 17	Adis Clinical Trials Insight now available on STN

NEWS EXPRESS	October 14 CURRENT WINDOWS VERSION IS V6.01, CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP), AND CURRENT DISCOVER FILE IS DATED 01 OCTOBER 2002
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FILE 'HOME' ENTERED AT 19:50:16 ON 18 DEC 2002

=> index bioscience medicine
FILE 'DRUGMONOG' ACCESS NOT AUTHORIZED
COST IN U.S. DOLLARS

	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

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67 FILES IN THE FILE LIST IN STNINDEX

Enter SET DETAIL ON to see search term postings or to view search error messages that display as 0* with SET DETAIL OFF.

=> s phytas? and nutrit? and food?
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        216   FILE BIOSIS
         10   FILE BIOTECHABS
         10   FILE BIOTECHDS
         14   FILE BIOTECHNO
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          1   FILE CANCERLIT
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        295   FILE USPATFULL
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         23   FILE WPIDS
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          23   FILE WPINDEX
          19   FILE NLDB

   34 FILES HAVE ONE OR MORE ANSWERS,   67 FILES SEARCHED IN STNINDEX

L1   QUE PHYTAS? AND NUTRIT? AND FOOD?

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F31           3   OCEAN
F32           3   VETU
F33           1   CANCERLIT
F34           1   NTIS


=> file f1-f10
COST IN U.S. DOLLARS                                  SINCE FILE      TOTAL
                                                         ENTRY    SESSION
FULL ESTIMATED COST                                       1.06       1.27

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FILE 'FEDRIP' ENTERED AT 19:51:51 ON 18 DEC 2002

=> s phytas? and nutrit? and food?
L2          969 PHYTAS? AND NUTRIT? AND FOOD?

=> s phytas? (s) food? (s) (nutri? or digest?)
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'PHYTAS? (S) FOOD?'
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'FOOD? (S) '
L3          394 PHYTAS? (S) FOOD? (S) (NUTRI? OR DIGEST?)

=> dup rem l3
DUPLICATE IS NOT AVAILABLE IN 'DGENE, FEDRIP'.
ANSWERS FROM THESE FILES WILL BE CONSIDERED UNIQUE
PROCESSING COMPLETED FOR L3
L4           358 DUP REM L3 (36 DUPLICATES REMOVED)

=> s l4 and coli?
L5           80 L4 AND COLI?

=> d ti l5 1-80

L5   ANSWER 1 OF 80  USPATFULL
TI     Phytase enzymes nucleic acids encoding phytase enzymes and vectors and
       host cells incorporating same

L5   ANSWER 2 OF 80  USPATFULL
TI     Recombinant bacterial phytases and uses thereof

L5   ANSWER 3 OF 80  USPATFULL
TI     Phytase variants

L5   ANSWER 4 OF 80  USPATFULL
TI     Maize RS81 promoter and methods for use thereof

L5   ANSWER 5 OF 80  USPATFULL
TI     Polypeptides controlling phytate metabolism in plants

L5   ANSWER 6 OF 80  USPATFULL
TI     Maize L3 oleosin promoter

L5   ANSWER 7 OF 80  USPATFULL
TI     Rice actin 2 promoter and intron and methods for use thereof

L5   ANSWER 8 OF 80  USPATFULL
TI     The maize A3 promoter and methods for use thereof

L5   ANSWER 9 OF 80  USPATFULL
TI     OVEREXPRESSION OF PHYTASE GENES IN YEAST SYSTEMS

L5   ANSWER 10 OF 80  USPATFULL
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TI Polypeptides controlling phytate metabolism in plants

L5 ANSWER 11 OF 80 USPATFULL
TI Polypeptides controlling phytate metabolism in plants

L5 ANSWER 12 OF 80 USPATFULL
TI Maize RS324 promoter and methods for use thereof

L5 ANSWER 13 OF 80 USPATFULL
TI Preparation of thioredoxin and thioredoxin reductase proteins on oil bodies

L5 ANSWER 14 OF 80 USPATFULL
TI Methods and compositions for the production of stably transformed, fertile monocot plants and cells thereof

L5 ANSWER 15 OF 80 USPATFULL
TI Methods of improving the effectiveness of transgenic plants

L5 ANSWER 16 OF 80 USPATFULL
TI Transgenic plants containing heat shock protein

L5 ANSWER 17 OF 80 USPATFULL
TI Cloning and expression of phytase from aspergillus

L5 ANSWER 18 OF 80 USPATFULL
TI Homologous recombination-mediated transgene alterations in plants

L5 ANSWER 19 OF 80 USPATFULL
TI Recombinant bacterial phytases and uses thereof

L5 ANSWER 20 OF 80 USPATFULL
TI High lysine fertile transgenic corn plants

L5 ANSWER 21 OF 80 USPATFULL
TI Methods and compositions for transgene identification

L5 ANSWER 22 OF 80 USPATFULL
TI Soybean phytase and nucleic acid encoding the same

L5 ANSWER 23 OF 80 USPATFULL
TI Genes controlling phytate metabolism in plants and uses thereof

L5 ANSWER 24 OF 80 USPATFULL
TI Phytase-producing bacteria, phytase and production method of phytase

L5 ANSWER 25 OF 80 USPATFULL
TI Maize A3 promoter and methods for use thereof

L5 ANSWER 26 OF 80 USPATFULL
TI Polypeptides having phytase activity and nucleic acids encoding same

L5 ANSWER 27 OF 80 USPATFULL
TI Maize RS81 promoter and methods for use thereof

L5 ANSWER 28 OF 80 USPATFULL
TI Polypeptide with reduced respiratory allergenicity

L5 ANSWER 29 OF 80 USPATFULL
TI Genes controlling phytate metabolism in plants and uses thereof

L5 ANSWER 30 OF 80 USPATFULL
TI Maize RS324 promoter and methods for use thereof

L5 ANSWER 31 OF 80 USPATFULL

TI Recombinant bacterial phytases and uses thereof

L5 ANSWER 32 OF 80 USPATFULL
TI Phytase-producing bacteria, phytase and production method of phytase

L5 ANSWER 33 OF 80 USPATFULL
TI Method for reduction of transgene copy number

L5 ANSWER 34 OF 80 USPATFULL
TI Polypeptide with reduced allergenicity

L5 ANSWER 35 OF 80 USPATFULL
TI Phytase-producing bacteria

L5 ANSWER 36 OF 80 USPATFULL
TI Methods and compositions for the production of stably transformed, fertile monocot plants and cells thereof

L5 ANSWER 37 OF 80 USPATFULL
TI Expression of phytase in plants

L5 ANSWER 38 OF 80 USPATFULL
TI Methods and compositions for the production of stably transformed, fertile monocot plants and cells thereof

L5 ANSWER 39 OF 80 USPATFULL
TI DNA sequences encoding phytases of ruminal microorganisms

L5 ANSWER 40 OF 80 USPATFULL
TI Polypeptide with reduced allergenicity

L5 ANSWER 41 OF 80 USPATFULL
TI Preparation of heterologous proteins on oil bodies

L5 ANSWER 42 OF 80 USPATFULL
TI Phytases of ruminal microorganisms

L5 ANSWER 43 OF 80 USPATFULL
TI Polypeptides having 3g6-phytase activity from thermomyces and nucleic acids encoding same

L5 ANSWER 44 OF 80 USPATFULL
TI Cloning and expression of microbial phytase

L5 ANSWER 45 OF 80 USPATFULL
TI Method for reducing respiratory allergenicity

L5 ANSWER 46 OF 80 USPATFULL
TI Expression of phytase in plants

L5 ANSWER 47 OF 80 USPATFULL
TI Production of enzymes in seeds and their use

L5 ANSWER 48 OF 80 USPATFULL
TI Oil-body proteins as carriers of high-value peptides in plants

L5 ANSWER 49 OF 80 USPATFULL
TI Expression of phytase in plants

L5 ANSWER 50 OF 80 USPATFULL
TI Production of enzymes in seeds and their use

L5 ANSWER 51 OF 80 USPATFULL
TI Cloning and expression of phytase from aspergillus

L5 ANSWER 52 OF 80 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
TI Biotechnological development of effective phytases for mineral nutrition and environmental protection.

L5 ANSWER 53 OF 80 DGENE (C) 2002 THOMSON DERWENT
TI New dietary aids comprising sustained release biocompatible compositions, comprise agent that assists in digestion, useful for delivering enzymes, therapeutics, medicine or agents to an organism -

L5 ANSWER 54 OF 80 DGENE (C) 2002 THOMSON DERWENT
TI New bacterial **phytase** for e.g. improving the **nutritional** value of phytate-containing **foodstuffs** and subsequently improving the growth performance of an organism that consumes it, or in treating animal **digestive** systems -

L5 ANSWER 55 OF 80 DGENE (C) 2002 THOMSON DERWENT
TI New bacterial **phytase** for e.g. improving the **nutritional** value of phytate-containing **foodstuffs** and subsequently improving the growth performance of an organism that consumes it, or in treating animal **digestive** systems -

L5 ANSWER 56 OF 80 DGENE (C) 2002 THOMSON DERWENT
TI New bacterial **phytase** for e.g. improving the **nutritional** value of phytate-containing **foodstuffs** and subsequently improving the growth performance of an organism that consumes it, or in treating animal **digestive** systems -

L5 ANSWER 57 OF 80 DGENE (C) 2002 THOMSON DERWENT
TI Improving the **nutritional** value of phytate-containing **foodstuffs**, using **phytase** enzymes which catalyze the liberation of inorganic phosphate from the phytates -

L5 ANSWER 58 OF 80 DGENE (C) 2002 THOMSON DERWENT
TI New dietary aids comprising sustained release biocompatible compositions, comprise agent that assists in digestion, useful for delivering enzymes, therapeutics, medicine or agents to an organism -

L5 ANSWER 59 OF 80 DGENE (C) 2002 THOMSON DERWENT
TI New dietary aids comprising sustained release biocompatible compositions, comprise agent that assists in digestion, useful for delivering enzymes, therapeutics, medicine or agents to an organism -

L5 ANSWER 60 OF 80 DGENE (C) 2002 THOMSON DERWENT
TI New dietary aids comprising sustained release biocompatible compositions, comprise agent that assists in digestion, useful for delivering enzymes, therapeutics, medicine or agents to an organism -

L5 ANSWER 61 OF 80 DGENE (C) 2002 THOMSON DERWENT
TI Novel transgenic plant whose genome has promoter which drives expression of nucleic acid encoding hydrolytic enzyme, linked to it in developing seed, germinated seed, useful for producing hydrolytic enzyme in seed -

L5 ANSWER 62 OF 80 DGENE (C) 2002 THOMSON DERWENT
TI Novel transgenic plant whose genome has promoter which drives expression of nucleic acid encoding hydrolytic enzyme, linked to it in developing seed, germinated seed, useful for producing hydrolytic enzyme in seed -

L5 ANSWER 63 OF 80 DGENE (C) 2002 THOMSON DERWENT
TI New bacterial **phytase** for e.g. improving the **nutritional** value of phytate-containing **foodstuffs** and subsequently improving the growth performance of an organism that consumes it, or in treating animal **digestive** systems -

L5 ANSWER 64 OF 80 DGENE (C) 2002 THOMSON DERWENT
TI New bacterial **phytase** for e.g. improving the

nutritional value of phytate-containing **foodstuffs** and subsequently improving the growth performance of an organism that consumes it, or in treating animal **digestive** systems -

L5 ANSWER 65 OF 80 DGENE (C) 2002 THOMSON DERWENT
TI New bacterial **phytase** for e.g. improving the **nutritional** value of phytate-containing **foodstuffs** and subsequently improving the growth performance of an organism that consumes it, or in treating animal **digestive** systems -

L5 ANSWER 66 OF 80 DGENE (C) 2002 THOMSON DERWENT
TI New bacterial **phytase** for e.g. improving the **nutritional** value of phytate-containing **foodstuffs** and subsequently improving the growth performance of an organism that consumes it, or in treating animal **digestive** systems -

L5 ANSWER 67 OF 80 DGENE (C) 2002 THOMSON DERWENT
TI Improving the **nutritional** value of phytate-containing **foodstuffs**, using **phytase** enzymes which catalyze the liberation of inorganic phosphate from the phytates -

L5 ANSWER 68 OF 80 DGENE (C) 2002 THOMSON DERWENT
TI Improving the **nutritional** value of phytate-containing **foodstuffs**, using **phytase** enzymes which catalyze the liberation of inorganic phosphate from the phytates -

L5 ANSWER 69 OF 80 DGENE (C) 2002 THOMSON DERWENT
TI Improving the **nutritional** value of phytate-containing **foodstuffs**, using **phytase** enzymes which catalyze the liberation of inorganic phosphate from the phytates -

L5 ANSWER 70 OF 80 DGENE (C) 2002 THOMSON DERWENT
TI **Phytase**(s) from fungi of phylum Basidiomycota - useful as feed and **food** additives, e.g. to reduce phosphate content of manure and to improve **digestibility**

L5 ANSWER 71 OF 80 DGENE (C) 2002 THOMSON DERWENT
TI **Phytase**(s) from fungi of phylum Basidiomycota - useful as feed and **food** additives, e.g. to reduce phosphate content of manure and to improve **digestibility**

L5 ANSWER 72 OF 80 DGENE (C) 2002 THOMSON DERWENT
TI **Phytase**(s) from fungi of phylum Basidiomycota - useful as feed and **food** additives, e.g. to reduce phosphate content of manure and to improve **digestibility**

L5 ANSWER 73 OF 80 DGENE (C) 2002 THOMSON DERWENT
TI **Phytase**(s) from fungi of phylum Basidiomycota - useful as feed and **food** additives, e.g. to reduce phosphate content of manure and to improve **digestibility**

L5 ANSWER 74 OF 80 DGENE (C) 2002 THOMSON DERWENT
TI **Phytase**(s) from fungi of phylum Basidiomycota - useful as feed and **food** additives, e.g. to reduce phosphate content of manure and to improve **digestibility**

L5 ANSWER 75 OF 80 CAPLUS COPYRIGHT 2002 ACS
TI New phytases identified by sequence homology and their use in food processing to lower phytic acid content

L5 ANSWER 76 OF 80 CAPLUS COPYRIGHT 2002 ACS
TI Recombinant bacterial **phytases** and uses for improved **nutritional** value of phytate-containing **foodstuffs**

L5 ANSWER 77 OF 80 CAPLUS COPYRIGHT 2002 ACS

TI Improving enzymatic reduction of myo-inositol phosphates with inhibitory effects on mineral absorption in black beans (Phaseolus vulgaris var. Preto)

L5 ANSWER 78 OF 80 CAPLUS COPYRIGHT 2002 ACS
TI Phytase from Bacillus subtilis, its gene sequence and cloning, method for its production and use in food and feed processing

L5 ANSWER 79 OF 80 FROSTI COPYRIGHT 2002 LFRA
TI Recombinant bacterial phytases and uses thereof.

L5 ANSWER 80 OF 80 FEDRIP COPYRIGHT 2002 NTIS
TI Iowa Biotechnology Byproducts Consortium

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L2          969 S PHYTAS? AND NUTRIT? AND FOOD?
L3          394 S PHYTAS? (S) FOOD? (S) (NUTRI? OR DIGEST?)
L4          358 DUP REM L3 (36 DUPLICATES REMOVED)
L5           80 S L4 AND COLI?

=> log h
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                      ENTRY     SESSION
FULL ESTIMATED COST                                   22.76       24.03

 SESSION WILL BE HELD FOR 60 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 19:53:48 ON 18 DEC 2002
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